

ABSTRACT OF THE DISCLOSURE

A mobile network presence and location (NPL) agent detects and gathers user presence and location information and provides a generic interface to

applications which require the information. The NPL agent comprises a pull

5 agent, a push agent, or both. The pull agent receives requests for presence or

location information about mobile devices on a wireless network from remote

applications over a computer network. In response, the pull agent sends

corresponding requests to a remote entity, such as a Short Message Service

Center (SMSC) associated with the wireless network, which queries the Home

10 Location Register (HLR) of the wireless network for the requested information.

The remote entity returns the requested information to the pull agent, which

decodes it and subsequently provides the information to the remote applications.

The push agent publishes presence or location information to applications

without requiring applications to request the information.